

To: Egeghy, Peter[Egeghy.Peter@epa.gov]; Dana Loomis[LoomisD@iarc.fr]; Lin Fritschi[lin.fritschi@curtin.edu.au]
Cc: [REDACTED]
From: Kromhout, J. (Hans)
Sent: Wed 4/29/2015 4:22:34 AM
Subject: RE: Glyphosate regulations (former Section 1.5)

Hi Dana et al.,

I had another look at the letter of the secretary of state and noted that it is not specific at all for glyphosphate but only talks about restrictions for pesticides and particular herbicides use in general by consumers and uses in park and recreational areas. Therefore I think it's better to leave it out.

Cheers, Hans

From: Egeghy, Peter [Egeghy.Peter@epa.gov]
Sent: Tuesday, April 28, 2015 10:57 PM
To: Dana Loomis; Lin Fritschi
Cc: Teresa Rodriguez; Kromhout, J. (Hans)
Subject: RE: Glyphosate regulations (former Section 1.5)

Hi Dana,
Looks good. I may be wrong but I think that Lin's intention was to discard the first paragraph of the section ("The spectacular growth..."). Either way, I'm OK.
Here is the reference for Duke and Powles (and pdf is attached):
Duke SO, Powles SB. 2009. Glyphosate-Resistant Crops and Weeds: Now and in the Future. AgBioForum 12: 346-357.
Thanks,
Pete

From: Dana Loomis [mailto:LoomisD@iarc.fr]
Sent: Tuesday, April 28, 2015 12:53 PM
To: Egeghy, Peter; Lin Fritschi
Cc: Teresa Rodriguez; Hans Kromhout
Subject: Re: Glyphosate regulations (former Section 1.5)

Dear All,

In the attached, I have added Lin's suggested lines as well as the actions Hans and Teresa described in the Netherlands and El Salvador. However, after discussion here, I believe the material about actions taken after the monograph meeting (e.g., France) or potential actions reported subsequently should be deleted and I've also taken the liberty of making those changes.

Please take a look and let the group (and me) know your thoughts about whether this should go into the monograph as it is, with further changes, or not at all. If it is to be used, we will need references for the actions taken in El Salvador and the Netherlands. Unfortunately the copy of the El Salvador decree on an activist web site probably isn't sufficiently official.

Best
Dana

From: <Egeghy>, Peter <Egeghy.Peter@epa.gov<mailto:Egeghy.Peter@epa.gov>>
Date: Tuesday, 28 April 2015 16:52
To: Lin Fritschi <lin.fritschi@curtin.edu.au<mailto:lin.fritschi@curtin.edu.au>>, Dana Loomis <loomisd@iarc.fr<mailto:loomisd@iarc.fr>>

Cc: Teresa Rodriguez [REDACTED], Hans Kromhout
<h.kromhout@uu.nl<mailto:h.kromhout@uu.nl>>
Subject: RE: Glyphosate regulations (former Section 1.5)

Thanks Lin,
I like your version much better than mine!
Thanks,
Pete

From: Lin Fritschi [mailto:lin.fritschi@curtin.edu.au]
Sent: Tuesday, April 28, 2015 1:57 AM
To: Peter Egeghy; Dana Loomis
Cc: Teresa Rodriguez; Hans Kromhout; Egeghy, Peter
Subject: RE: Glyphosate regulations (former Section 1.5)

Thanks Peter
Excellent work separating the wheat from the chaff. See attached for a minor suggested change from me.

From: Peter Egeghy [mailto:peter.egeghy@gmail.com]
Sent: Tuesday, 28 April 2015 11:42 AM
To: Dana Loomis
Cc: Teresa Rodriguez; Hans Kromhout; Lin Fritschi; Egeghy, Peter
Subject: Re: Glyphosate regulations (former Section 1.5)

Hello Everyone,

It appears that while the blogosphere is abundant with reports of glyphosate being banned by this country or that country, finding concrete evidence of such bans (at least on a scale above municipalities) is quite difficult, suggesting that those claims are little more than wishful thinking. I've drafted a paragraph, it may be a little long, so feel free to edit as you wish. I focused on bans and restrictions and did not include anything about occupational exposure limits.

Thanks,
Pete

On Mon, Apr 27, 2015 at 9:16 AM, Dana Loomis <LoomisD@iarc.fr<mailto:LoomisD@iarc.fr>> wrote:
Dear All,

Thanks for your responses (below) to this question. It seems we missed some information that should be included. Would one of you be willing to write a paragraph or 2 on regulation of glyphosate similar to the ones for other agents in this volume? The write-up for malathion is appended below as an example for Pete and Teresa, who may not have seen these.

Dana

—
Approval of malathion in the European Union market was revoked in 2008 after it was deemed to not meet stricter standards for health and environmental safety, but in 2010 the EU Member States voted to again allow malathion end-use products to be registered for use in the EU Member States for the control of insect pests in agricultural crops (Annex I to Directive 91/414/EEC). In six European countries, (Austria, Czech Republic, France, Poland, Romania, Slovakia) malathion has been re-authorized at the national level and is in progress in Bulgaria and Italy (European Pesticides database (ec.europa.eu/sanco_pesticides/public/index.cfm?event=activesubstance.detail&language=EN&selectedID=1525<http://ec.europa.eu/sanco_pesticides/public/index.cfm?event=activesubstance.detail&language=EN&selectedID=1525>, accessed 4 March 2015). Occupational exposure limits for malathion ranging from 1 mg/m3 to 15 mg/m3 have been established in several countries (AFI, 2015).

From: Teresa Rodriguez [REDACTED]
Date: Monday, 27 April 2015 12:53
To: Dana Loomis <loomisd@iarc.fr<mailto:loomisd@iarc.fr>>
Cc: Hans Kromhout <h.kromhout@uu.nl<mailto:h.kromhout@uu.nl>>, Lin Fritschi <lin.fritschi@curtin.edu.au<mailto:lin.fritschi@curtin.edu.au>>
Subject: Re: Glyphosate regulations (former Section 1.5)

Dear Dana:

I did a review of publications of Nicaraguan Ministry of Agriculture and I found no information about ban or restriction of glyphosate's uses in Nicaragua.

El Salvador banned the glyphosate in September 2013 due to its association with the epidemic of chronic kidney disease (CKD) in Central America. The copy of the legislative decree is in: http://www.rap-al.org/news_files/DECRETO%205.08.13.pdf

I read that Sri Lanka banned the use of glyphosate by the CKD in March 2014, but later they retracted. http://sustainablepulse.com/2014/05/13/sri-lanka-lifts-ban-sale-glyphosate/#.VT4UlyF_Oko

Regards

Dra. Teresa Rodríguez. Ph.D
Directora
Centro de Investigación en Salud, Trabajo y Ambiente (CISTA)
Facultad de Ciencias Médicas/ UNAN-León
Complejo Docente de la Salud (Campus Médico), Edificio C
Telefax (505) 2311 6690

El que quiere hacer algo conseguirá un medio, el que no, una excusa. Stephen Dolley

Hi Dana

I don't remember us doing anything formal on this. I suspect we looked up the various OEL databases and found nothing so presumably it was only recently banned. Someone told me about the banning in Nicaragua but I seem to remember the ban was overturned quite rapidly after it was instituted. I sent some emails about the Dutch banning during the meeting but Hans noted the ban was only for private individuals so we didn't write anything.

Regards
Lin\

From: Kromhout, J. (Hans) [mailto:h.kromhout@uu.nl]
Sent: Friday, 24 April 2015 7:06 PM
To: 'Dana Loomis'; Lin Fritschi; Teresa Rodriguez
Subject: RE: Glyphosate regulations (former Section 1.5)

Hi Dana,

I read a lot of things on glyphosate after the meeting with bans all over the place, see for instance this paper: <http://www.theguardian.com/cities/2015/apr/21/glyphosate-probably-carcinogenic-pesticide-why-cities-use->

it

A good overview of when and where it was regulated would require quite some work. I definitely did not write about it prior to the meeting.

Best, Hans

2015-04-23 10:35 GMT-06:00 Dana Loomis <LoomisD@iarc.fr<mailto:LoomisD@iarc.fr>>:

Dear Hans, Dear Lin,

I'm reviewing Section 1 of the draft monograph on glyphosate and I don't find anything about regulations. Surely we must have had something, although there are no OELs. Apparently several countries have already banned or restricted it, including The Netherlands. <http://sustainablepulse.com/2014/04/04/dutch-parliament-bans-glyphosate-herbicides-non-commercial-use/#.VTkeiVzMfA4>. I read elsewhere the Nicaragua has also banned it.

If nothing was written for the meeting, I think we should add a paragraph, provided that more reliable information sources can be found.

Dana

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